AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for forward transmission comprising:

processing data to be transmitted, the data comprising:

a header subframe containing frame mapping information of data to be transmitted to a plurality of terminals; and

data subframes containing data multiplexed therein, and to be transmitted to the plurality of terminals at ~~the~~ a present time in correspondence to frame mapping information transmitted in advance, wherein the frame mapping information transmitted in advance includes subframe numbers arranged in a specific order to correspond to positions of the corresponding multiplexed subframes in a current frame, and

transmitting the data.

2. (Currently Amended) The method as claimed in claim 1, wherein the frame mapping information transmitted in advance is transmitted 'n' frames before ~~contained in other~~ the current frame.

3. (Canceled)

4. (Currently Amended) The method as claimed in claim [[3]] 1, wherein the frame mapping information transmitted in advance includes the subframe numbers transmitted 'n' frames before ~~to~~ the current frame in succession, and the multiplexed data subframes are positioned in the current frame according to an order of transmission of the subframe numbers.

5. (Previously Presented) The method as claimed in claim 1, wherein the header subframe contains data subframe numbers, frame quality indicator, and reserved/encoder tail information.

6. (Previously Presented) The method as claimed in claim 1, wherein the data subframe contains data to be transmitted to a relevant terminal, frame quality indicators, and reserved/encoder tail information.

7. (Previously Presented) The method as claimed in claim 1, wherein the header subframe is scrambled in a code all the terminals know.

8. (Previously Presented) The method as claimed in claim 1, wherein the data subframes are encoded in codes only relevant terminals know.

9. (Previously Presented) The method as claimed in claim 1, wherein the data subframes are multiplexed according to an order of generation.

10. (Previously Presented) The method as claimed in claim 1, wherein the data subframes are multiplexed according to priorities of the terminals.

11. (Previously Presented) The method as claimed in claim 1, wherein the data subframes are encoded, symbol repeated, interleaved, and scrambled.

12. (Currently Amended) The method as claimed in claim 1, wherein[[,]] in case the data subframe can not complete one frame fully, a power supply for a section of the frame without data transmission is turned off.

13. (Previously Presented) The method as claimed in claim 1, wherein at least one of the data subframes contains a broadcasting data to be transmitted to all terminals.

14. (Currently Amended) The method as claimed in claim 13, wherein the frame mapping information of the data subframe that transmits the broadcasting data is transmitted 'n' frames before ~~to~~ a header subframe of ~~a~~ the current frame.

15. (Previously Presented) The method as claimed in claim 13, wherein the data subframe that transmits the broadcasting data is scrambled with codes known to all terminals that use the broadcasting service.

16. (Currently Amended) A method for forward transmission of a data, comprising:

(a) processing data to be transmitted at ~~the~~ a present time to form subframes;

(b) multiplexing the formed subframes according to subframe mapping information transmitted in advance; and

(c) transmitting the multiplexed subframes[[,]] together with subframe mapping information of the subframes to be transmitted thereafter, wherein the subframe mapping information includes subframe numbers in a specific order to correspond to positions of formed subframes to be transmitted thereafter in a subsequent frame.

17. (Previously Presented) A method as claimed in claim 16, wherein processing data includes:

encoding, symbol repetition, interleaving, and scrambling for forming subframes.

18. (Previously Presented) A method as claimed in claim 16, further comprising:

a terminal being allocated with a subframe number of the terminal;

the terminal receiving subframe mapping information, and determining containment of the subframe number of the terminal; and

the terminal receiving a data for the terminal after 'n' frames at a position the subframe number indicates, if the subframe number of the terminal is contained as a result of the determination.

19. (Original) A method as claimed in claim 16, wherein the formed subframes are multiplexed according to an order of formation.

20. (Original) A method as claimed in claim 16, wherein the formed subframes are multiplexed according to priorities of the terminals.

21. (Original) A method as claimed in claim 16, wherein the frame mapping information is scrambled with codes all the terminals know.

22. (Original) A method as claimed in claim 16, wherein the subframes are scrambled with codes only a relevant terminal knows.

23. (Original) A method as claimed in claim 16, wherein the number of formed subframes is increased/decreased in proportion to a transmission rate of a data transmission channel.

24. (Currently Amended) A method for forward transmission comprising:

processing data to be transmitted, the data including:

a header subframe containing a plurality of subframe numbers relating to data for a plurality of terminals; and

a plurality of data subframes each containing data to be transmitted to the plurality of terminals, wherein an order of the plurality of data subframes ~~correspond to~~ identifies an order of subframe numbers transmitted in a previous frame, and

transmitting the data.

25. (Previously Presented) The method of claim 24, wherein the subframe numbers contain information related to positions of the data subframes within a current frame.

26. (Currently Amended) The method of claim 24, wherein the header subframe contains data subframe numbers, frame quality indicator, and reserved/encoder tail information.